

NOT FOR DISSEMINATION

**DATA TABLES ON NEILS CHILD AND FAMILY OUTCOMES
AFTER ONE YEAR IN EARLY INTERVENTION**

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Table 1. Functional Characteristics of Children Entering Early Intervention and a Year Later by Age Group at Entry

Age Group at Entry:	0 to 6 Months		6 to 12 Months		12 to 18 Months		18 to 26 Months	
	Entry	Year Later	Entry	Year Later	Entry	Year Later	Entry	Year Later
N =	552		465		338		880	
Diagnosed hearing problem								
Yes	9	10	8	8	13	12	6	7
Diagnosed vision problem								
Yes	13	19	13	18	12	12	4	7
Use of arms and hands								
Uses both normally	69	69	55	70	70	72	89	86
Has a little trouble	23	20	34	20	19	19	8	11
Has a lot of trouble or no use of one or both	8	10	11	10	12	9	3	3
Use of legs and feet								
Uses both normally	79	63	58	64	55	64	81	85
Has a little trouble	15	24	28	20	29	24	15	11
Has a lot of trouble or no use of one or both	6	12	14	16	16	12	4	4
How well does child make needs known								
Communicates just as well as other children	--	60	8	49	42	49	26	35
Has a little trouble communicating	--	29	3	32	40	33	40	43
Has a lot of trouble communicating	--	6	2	14	14	16	30	22
Doesn't communicate at all	--	4	1	5	4	2	4	1
Not asked (if child < 12 months at interview)	100	<1	86	--	--	--	--	--
When child talks to people s/he doesn't know, child is								
Very easy to understand	--	6	<1	13	6	15	4	10
Fairly easy to understand	--	12	1	16	6	25	11	26
Somewhat hard to understand	--	5	1	10	9	20	14	32
Very hard to understand	--	5	1	6	7	10	13	11
Has no words	--	71	10	55	72	31	58	22
Not asked (if child < 12 months at interview)	100	<1	87	--	--	--	--	--

Note: Ns refer to the number in each age group. The Ns for the individual items vary slightly because of missing data. The data highlighted in bold reflect statistically significant changes at $p < .05$ level or greater. Statistical significance was not tested if an item was not asked for all or most children in an age group.

Source: National Early Intervention Longitudinal Study.

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Table 2. Health Status of Children Entering Early Intervention and a Year Later by Age Group at Entry

Age Group at Entry:	0 to 6 Months		6 to 12 Months		12 to 18 Months		18 to 26 Months	
	Entry	Year Later	Entry	Year Later	Entry	Year Later	Entry	Year Later
N =	552		465		338		880	
Health Status								
Excellent	31	34	27	29	40	40	44	46
Very good	28	24	23	26	24	27	25	27
Good	22	24	25	29	22	20	20	17
Fair	13	15	17	11	10	9	9	9
Poor	5	4	8	6	5	3	2	1
Hospitalized since coming home from hospital after birth								
No	68	45	54	45	62	54	71	65
1 to 4 days	14	21	19	19	17	20	16	19
5 to 14 days	12	18	15	17	11	14	9	10
15 to 30 days	5	10	5	9	5	6	2	4
More than 30 days	2	6	7	11	5	7	1	2
Regularly taking any prescription medication for a specific condition or problem	37	31	37	31	29	28	16	16
Uses any kind of medical device like an oxygen tank, catheter, or a breathing monitor	30	22	22	21	11	13	7	7
Has a place to go for regular medical care	98	99	99	98	98	99	96	97
Covered by any health insurance	96	98	96	96	94	97	93	96
Covered by government-assisted health insurance	53	54	57	56	45	49	34	37
Ever tried to get insurance to pay for something for child that it wouldn't pay for	16	18	20	21	20	17	19	21

Note: Ns refer to the number in each age group. The Ns for the individual items vary slightly because of missing data. The data highlighted in bold reflects statistically significant changes at $p < .05$ level or greater.

Source: National Early Intervention Longitudinal Study.

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Table 3. Behaviors of Children Entering Early Intervention and a Year Later by Age Group at Entry

Age Group at Entry:	0 to 6 Months		6 to 12 Months		12 to 18 Months		18 to 26 Months	
	Entry	Year Later	Entry	Year Later	Entry	Year Later	Entry	Year Later
N =	552		465		338		880	
Does things on own even if hard								
Very much like this child	--	45	6	48	42	51	57	56
A little like this child	--	34	4	34	35	31	32	33
Not like this child	--	21	4	18	23	18	11	11
Not asked (if < 12 months at interview)	100	<1	86	--	--	--	--	--
Pays attention and stays focused								
Very much like this child	46	45	44	40	41	40	41	39
A little like this child	38	38	35	39	41	42	39	39
Not like this child	16	17	21	21	18	18	20	22
Jumpy and easily startled								
Very much like this child	35	24	29	23	23	17	18	18
A little like this child	33	29	33	31	31	32	27	26
Not like this child	32	47	38	46	46	51	56	56
Very active and excitable								
Very much like this child	--	34	6	36	37	31	38	41
A little like this child	--	34	2	31	31	34	34	29
Not like this child	--	32	5	33	32	34	29	30
Not asked (if < 12 months at interview)	100	<1	86	--	--	--	--	--
Trouble playing with other children								
No trouble	--	66	9	62	64	55	55	56
Some trouble	--	18	3	24	23	34	35	33
A lot of trouble	--	12	1	10	8	11	9	10
Not around other children	--	4	1	4	4	1	2	1
Not asked (if < 12 months at interview)	100	<1	87	--	--	--	--	--
Aggressive with other children								
Not at all	--	55	9	51	51	37	37	37
Sometimes	--	36	3	42	42	51	53	54
Often	--	8	1	7	7	12	10	9
Not asked (if < 12 months at interview)	100	<1	87	--	--	--	--	--
Child has sleep trouble								
Rarely or never	51	56	49	55	53	46	56	54
Sometimes	30	26	33	26	26	32	25	29
Often	20	18	19	19	21	21	19	17
How easy is it to take child to the store or an appointment								
Easier than other children his/her age	22	25	26	21	28	21	21	16
Just as easy	48	46	47	49	43	45	43	42
A little harder	20	20	18	23	21	23	24	27
Much harder	10	8	9	7	9	11	12	15

Note: Ns refer to the number in each age group. The Ns for the individual items vary slightly because of missing data. The data highlighted in bold reflect statistically significant changes at $p < .05$ level or greater. Statistical significance was not tested if an item was not asked for all or most children in an age group.

Source: National Early Intervention Longitudinal Study.

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Table 4. Milestone Attainment in Motor and Self-Help Domains of Children Entering EI and a Year Later by Age Group at Entry to Early Intervention Services

Percentage of Children Reported Able To Do Milestone Well								
Age Group at Entry:	0 to 6 Months		6 to 12 Months		12 to18 Months		18 to 26 Months	
	At Entry	Year Later	At Entry	Year Later	At Entry	Year Later	At Entry	Year Later
N =	552		465		338		880	
Motor								
Grasp objects and let go of them (10)	40	90	73	95	95	97	99	100
Crawl, scoot, or creep (11)	13	82	32	87	86	92	99	99
Sit up (11)	6	81	39	87	86	91	99	99
Pick up small objects with finger and thumb (12)	8	66	38	75	68	79	84	87
Hold a crayon or pencil (16)	1	28	8	46	28	66	66	76
Walk without holding on (17)	<1	33	4	59	34	73	86	93
Walk quickly or run (25)	<1	24	2	44	22	61	77	85
Take paper off candy to unwrap (25)	<1	11	3	21	10	33	41	58
Self-Help								
Eats bite size pieces with fingers (11)	3	80	31	85	86	92	98	99
Lifts a cup and drinks from it (18)	1	54	15	62	54	75	86	92
Takes off socks without help (23)	--	--	38	60	64	66	74	80
Washes and dries hands thoroughly (28)	--	--	--	--	--	--	34	55

Note: Ns refer to the number in each age group. The Ns for the individual items vary slightly because of missing data. The data highlighted in bold reflect statistically significant changes at $p < .05$ level or greater. The number in parentheses after the milestone is the age in months by which almost all children in the general population (approximately 90 percent) have attained this milestone. Some milestones are too advanced for some age groups and were not asked for these children. Statistical significance was not tested if an item was not asked for all or most children in an age group.

Source: National Early Intervention Longitudinal Study.

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Table 5. Milestone Attainment in Communication and Cognition Domains of Children Entering EI and a Year Later by Age Group at Entry to Early Intervention Services

		Percentage of Children Reported Able To Do Milestone Well							
Age Group at Entry:		0 to 6 Months		6 to 12 Months		12 to 18 Months		18 to 26 Months	
		At Entry	Year Later	At Entry	Year Later	At Entry	Year Later	At Entry	Year Later
N =		522		465		338		880	
Communication									
Babbles (3)		62	89	71	93	87	95	95	97
Says "mama" or "dada" (12)		2	64	31	73	55	81	74	87
Responds to simple gestures like someone waving "bye-bye" (17)		11	67	34	77	63	87	84	91
Repeats or imitates a word (18)		1	26	11	39	22	55	25	65
Follows a 2-step verbal direction (24)		0	24	1	46	26	62	61	74
Says 2 or 3 words in a sentence (25)		0	4	1	16	3	40	13	57
Cognition									
Laughs in response to peek-a-boo (8)		36	95	73	96	97	97	98	99
Explores objects by shaking and banging (11)		20	91	70	93	93	95	98	99
Puts things into and takes them out of things (12)		<1	56	18	70	59	88	91	97
Does simple pretending in play like feeding a doll (18)		0	13	4	34	16	61	57	78
Shows that knows two body parts (28)		<1	28	4	57	23	76	73	89
Refers to things as "mine" (30)		0	13	2	33	14	56	40	76
Gives his or her first name (35)		<1	7	3	17	5	31	11	54

Note: Ns refer to the number in each age group. The Ns for the individual items vary slightly because of missing data. The data highlighted in bold reflect statistically significant changes at $p < .05$ level or greater. The number in parentheses after the milestone is the age in months by which almost all children in the general population (approximately 90 percent) have attained this milestone. Some milestones are too advanced for some age groups and were not asked for these children. Statistical significance was not tested if an item was not asked for all or most children in an age group.

Source: National Early Intervention Longitudinal Study.

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Table 6. Families' Satisfaction with their Early Intervention Services at Entry and a Year Later

Age Group at Entry:	0 to 6 Months		6 to 12 Months		12 to 18 Months		18 to 26 Months	
	At Entry	Year Later	At Entry	Year Later	At Entry	Year Later	At Entry	Year Later
N =	552		465		338		880	
Rating of amount of therapy services								
More than needed	2	2	2	4	8	5	3	3
About the right amount	79	80	74	72	73	69	77	78
Less than needed	19	19	23	24	19	25	20	18
Quality of therapy services								
Excellent	61	67	61	64	59	54	60	64
Good	33	25	32	27	32	33	35	31
Fair or Poor	6	7	6	8	9	12	5	5
Rating of amount of other early intervention services								
More than needed	4	6	2	3	6	3	4	4
About the right amount	90	85	83	83	85	92	82	84
Less than needed	5	9	15	14	8	5	13	12
Quality of other early intervention services								
Excellent	61	63	43	56	54	45	61	59
Good	35	31	48	40	38	46	34	36
Fair or Poor	4	6	9	4	8	10	5	5
Rating of number of professionals working with child								
Too many	3	5	4	4	2	2	1	4
About the right amount	94	89	86	90	92	89	92	90
Not enough	3	6	10	6	6	9	7	7
Rating of help and information family had received								
Excellent	56	55	54	52	60	52	58	55
Good	38	36	38	40	32	42	33	34
Fair or Poor	6	9	9	8	8	6	8	11

Note: Ns refer to the number in each age group. The Ns for the individual items vary slightly because of missing data. The data highlighted in bold reflect statistically significant changes at $p < .05$ level or greater. Numbers may not sum to 100 due to rounding.

Source: National Early Intervention Longitudinal Study.

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Table 7. Families' Perceptions of their Parenting and Their Ability to Work with Professionals at Entry and a Year Later

Age Group at Entry:	0 to 6 Months		6 to 12 Months		12 to18 Months		18 to 26 Months	
	At Entry	Year Later	At Entry	Year Later	At Entry	Year Later	At Entry	Year Later
N =	552		465		338		880	
<u>Parenting Skills</u>								
I know how to care for child’s basic needs, like feeding, bathing, and dressing.								
Strongly agree	84	86	78	83	78	84	83	83
Agree	15	14	21	15	21	15	16	16
Disagree	1	<1	<1	1	1	<1	<1	<1
Strongly disagree	<1	<1	1	1	<1	<1	0	1
I know how to help child learn and develop								
Strongly agree	50	63	44	58	47	64	47	60
Agree	40	34	46	37	45	32	43	34
Disagree	9	3	10	4	7	3	8	5
Strongly disagree	1	<1	1	1	1	1	1	2
I often have a difficult time figuring out what to do about child’s behavior.								
Strongly agree	12	8	7	7	9	9	12	12
Agree	13	16	20	18	19	23	29	26
Disagree	42	36	38	39	40	37	32	35
Strongly disagree	33	39	35	37	32	32	28	27
<u>Ability to Work with Professionals</u>								
I know how to work with professionals and advocate for what child needs.								
Strongly agree	59	69	50	64	63	68	56	61
Agree	36	28	44	31	34	29	39	34
Disagree	4	3	5	3	3	2	4	3
Strongly disagree	1	<1	1	1	1	1	1	1
I know what to do if I’m worried that child isn’t getting good services.								
Strongly agree	50	52	41	50	47	49	45	48
Agree	38	37	42	40	45	40	45	40
Disagree	9	9	14	8	6	9	7	8
Strongly disagree	2	2	3	2	2	2	3	4

Note: Ns refer to the number in each age group. The Ns for the individual items vary slightly because of missing data. The data highlighted in bold reflect statistically significant changes at $p < .05$ level or greater.

Source: National Early Intervention Longitudinal Study.

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Table 8. Families' Perceptions of their Family and Community Support at Entry and a Year Later

Age Group at Entry:	0 to 6 Months		6 to 12 Months		12 to18 Months		18 to 26 Months	
	At Entry	Year Later	At Entry	Year Later	At Entry	Year Later	At Entry	Year Later
N =	552		465		338		880	
I have relatives or friends to turn to for help or support when I need it.								
Strongly agree	63	62	51	57	59	62	56	60
Agree	27	29	37	33	31	24	32	28
Disagree	7	6	8	8	6	10	8	8
Strongly disagree	3	4	5	3	5	4	3	4
I have relatives, friends, or others who help me deal with the challenges I face because of child's special needs.								
Strongly agree	47	42	37	37	42	44	41	39
Agree	42	40	40	44	39	38	40	44
Disagree	6	13	18	15	12	14	13	12
Strongly disagree	5	5	5	4	7	5	6	6
I have little chance to take part in community activities, such as religious, school, or social events.								
Strongly agree	22	11	17	14	16	12	11	11
Agree	23	27	29	30	24	24	25	24
Disagree	32	37	39	33	35	37	40	37
Strongly disagree	23	25	15	23	25	26	25	28
Our ability to work and to play together as a family is pretty normal, even though we have a child with special needs.	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Strongly agree	55	58	52	54	58	55	55	56
Agree	38	37	43	40	38	38	41	38
Disagree	7	4	3	5	4	5	3	5
Strongly disagree	1	1	2	2	1	2	1	1

Note: Ns refer to the number in each age group. The Ns for the individual items vary slightly because of missing data. The data highlighted in bold reflect statistically significant changes at $p < .05$ level or greater.

Source: National Early Intervention Longitudinal Study.

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Table 9. Families' Perceptions of the Impact of Early Intervention on the Child and Family and their Quality of Life at Entry and a Year Later

Age Group at Entry:	0 to 6 Months		6 to 12 Months		12 to 18 Months		18 to 26 Months	
	At Entry	Year Later	At Entry	Year Later	At Entry	Year Later	At Entry	Year Later
N =	552		465		338		880	
How much impact have the services had on the child's development?								
No impact	6	6	2	2	5	3	4	2
Some impact	37	30	38	30	37	28	38	17
A lot of impact	34	64	43	68	39	68	30	79
Too soon to tell	23	<1	18	0	18	<1	28	1
Rating of how help and information has affected family								
Much better off	49	55	50	56	56	53	46	61
Somewhat better off	26	21	24	22	19	24	26	22
About the same	19	23	20	21	15	20	16	15
Worse off	1	<1	1	1	3	3	1	1
Too soon to tell	5	<1	5	<1	7	0	11	1
Family ratings on child's <u>current</u> overall life situation								
Excellent	33	44	34	39	35	36	32	39
Very Good	33	26	27	27	27	32	33	32
Good	25	22	30	26	28	26	27	22
Fair	8	7	8	7	8	6	7	6
Poor	1	1	2	1	2	1	1	1
Family ratings on family's <u>current</u> overall life situation								
Excellent	33	39	33	34	35	33	32	38
Very Good	29	27	25	28	31	34	31	30
Good	25	26	29	26	23	26	28	23
Fair	11	7	9	10	10	6	8	8
Poor	2	<1	4	1	2	1	1	1
Family's ratings on child's <u>future</u> overall life situation								
Excellent	50	54	47	49	53	48	54	55
Very Good	32	27	29	28	26	33	32	28
Good	14	15	19	20	15	15	11	13
Fair	3	3	3	2	3	1	3	4
Poor	1	1	2	1	2	2	<1	<1
Family's ratings on family's <u>future</u> overall life situation								
Excellent	46	55	46	46	50	44	53	52
Very Good	33	27	32	32	30	34	29	30
Good	18	16	17	18	18	20	16	16
Fair	3	2	3	3	2	<1	2	3
Poor	1	0	1	<1	<1	<1	0	<1

Note: Ns refer to the number in each age group. The Ns for the individual items vary slightly because of missing data. The data highlighted in bold reflect statistically significant changes at $p < .05$ level or greater.

Source: National Early Intervention Longitudinal Study.